

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/567,728  
Source: IFWP  
Date Processed by STIC: 2/27/06

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IFWP

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/567,728**

**DATE: 02/27/2006**  
**TIME: 14:41:02**

**Input Set : A:\CD009PCTseq.txt**  
**Output Set: N:\CRF4\02272006\J567728.raw**

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3 <110> APPLICANT: MATSUDA, Hikaru
4      SAWA, Yoshiki
5      TAKETANI, Satoshi
6      MIYAGAWA, Shigeru
8 <120> TITLE OF INVENTION: three dimensional tissue contract
10 <130> FILE REFERENCE: CD009PCT
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/567,728
C--> 12 <141> CURRENT FILING DATE: 2006-01-31
12 <150> PRIOR APPLICATION NUMBER: JP2003-285476
13 <151> PRIOR FILING DATE: 2003-08-01
15 <160> NUMBER OF SEQ ID NOS: 20
17 <170> SOFTWARE: PatentIn version 3.1
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20 <211> LENGTH: 5956
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258						100				105					110	
261	Trp	Met	Ile	Tyr	Thr	Tyr	Ser	Gly	Leu	Phe	Cys	Val	Thr	Val	Asn	Pro
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269	Gly	Lys	Lys	Arg	Gln	Glu	Ala	Pro	Pro	His	Ile	Phe	Ser	Ile	Ser	Asp

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281	Ile Gln Tyr Phe Ala Thr Ile Ala Val Thr Gly Glu Lys Lys Lys Glu			
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285	Glu Ile Thr Ser Gly Lys Ile Gln Gly Thr Leu Glu Asp Gln Ile Ile			
286	210	215	220	
289	Ser Ala Asn Pro Leu Leu Glu Ala Phe Gly Asn Ala Lys Thr Val Arg			
290	225	230	235	240
293	Asn Asp Asn Ser Ser Arg Phe Gly Lys Phe Ile Arg Ile His Phe Gly			
294	245	250	255	
297	Thr Thr Gly Lys Leu Ala Ser Ala Asp Ile Glu Thr Tyr Leu Leu Glu			
298	260	265	270	
301	Lys Ser Arg Val Val Phe Gln Leu Lys Ala Glu Arg Ser Tyr His Ile			
302	275	280	285	
305	Phe Tyr Gln Ile Thr Ser Asn Lys Lys Pro Glu Leu Ile Glu Met Leu			
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309	Leu Ile Thr Thr Asn Pro Tyr Asp Tyr Pro Phe Val Ser Gln Gly Glu			
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313	Ile Ser Val Ala Ser Ile Asp Asp Gln Glu Glu Leu Met Ala Thr Asp			
314	325	330	335	
317	Ser Ala Ile Asp Ile Leu Gly Phe Thr Asn Glu Glu Lys Val Ser Ile			
318	340	345	350	
321	Tyr Lys Leu Thr Gly Ala Val Met His Tyr Gly Asn Leu Lys Phe Lys			
322	355	360	365	
325	Gln Lys Gln Arg Glu Glu Gln Ala Glu Pro Asp Gly Thr Glu Val Ala			
326	370	375	380	
329	Asp Lys Ala Ala Tyr Leu Gln Ser Leu Asn Ser Ala Asp Leu Leu Lys			
330	385	390	395	400
333	Ala Leu Cys Tyr Pro Arg Val Lys Val Gly Asn Glu Tyr Val Thr Lys			
334	405	410	415	
337	Gly Gln Thr Val Glu Gln Val Ser Asn Ala Val Gly Ala Leu Ala Lys			
338	420	425	430	
341	Ala Val Tyr Glu Lys Met Phe Leu Trp Met Val Ala Arg Ile Asn Gln			
342	435	440	445	
345	Gln Leu Asp Thr Lys Gln Pro Arg Gln Tyr Phe Ile Gly Val Leu Asp			
346	450	455	460	
349	Ile Ala Gly Phe Glu Ile Phe Asp Phe Asn Ser Leu Glu Gln Leu Cys			
350	465	470	475	480
353	Ile Asn Phe Thr Asn Glu Lys Leu Gln Gln Phe Phe Asn His His Met			
354	485	490	495	
357	Phe Val Leu Glu Gln Glu Glu Tyr Lys Lys Glu Gly Ile Glu Trp Thr			
358	500	505	510	
361	Phe Ile Asp Phe Gly Met Asp Leu Ala Ala Cys Ile Glu Leu Ile Glu			
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365	Lys Pro Met Gly Ile Phe Ser Ile Leu Glu Glu Cys Met Phe Pro			
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377 Glu Ala His Phe Ala Leu Ile His Tyr Ala Gly Val Val Asp Tyr Asn
378           580           585           590
381 Ile Thr Gly Trp Leu Glu Lys Asn Lys Asp Pro Leu Asn Glu Thr Val
382           595           600           605
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386           610           615           620
389 Ser Gly Ala Gln Thr Ala Glu Gly Glu Gly Ala Gly Gly Ala Lys
390 625           630           635           640
393 Lys Gly Gly Lys Lys Gly Ser Ser Phe Gln Thr Val Ser Ala Leu
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397 Phe Arg Glu Asn Leu Asn Lys Leu Met Thr Asn Leu Arg Ser Thr His
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402           675           680           685
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409 Leu Glu Gly Ile Arg Ile Cys Arg Lys Gly Phe Pro Ser Arg Ile Leu
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413 Tyr Ala Asp Phe Lys Gln Arg Tyr Lys Val Leu Asn Ala Ser Ala Ile
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417 Pro Glu Gly Gln Phe Ile Asp Ser Lys Lys Ala Ser Glu Lys Leu Leu
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425 Val Phe Phe Lys Ala Gly Leu Leu Gly Leu Leu Glu Glu Met Arg Asp
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L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
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